

Title (en)
APOPTOSIS-INDUCING POLYPEPTIDES

Title (de)
APOPTOSE AUSLÖSENDE POLYPEPTIDE

Title (fr)
POLYPEPTIDES INDUISANT L'APOPTOSE

Publication
EP 1765392 A4 20071017 (EN)

Application
EP 05757499 A 20050608

Priority

- US 2005020355 W 20050608
- US 86363704 A 20040608

Abstract (en)
[origin: US2005058654A1] An isolated water-soluble VP1 polypeptide of foot-and-mouth disease virus and a nucleic acid encoding the polypeptide. Also disclosed are a pharmaceutical composition containing the polypeptide or nucleic acid and related methods of inducing apoptosis and treating an apoptosis-related disorder.

IPC 8 full level
A61K 39/12 (2006.01); **A61K 38/06** (2006.01); **A61K 38/16** (2006.01); **A61K 39/125** (2006.01); **A61K 39/135** (2006.01); **C07K 1/113** (2006.01); **C07K 14/005** (2006.01); **C07K 14/09** (2006.01); **C12N 7/00** (2006.01); **C12N 7/01** (2006.01); **A61K 38/00** (2006.01); **A61K 39/00** (2006.01)

CPC (source: EP US)
A61K 31/7088 (2013.01 - EP US); **A61K 38/162** (2013.01 - EP US); **A61K 39/12** (2013.01 - EP US); **A61K 39/135** (2013.01 - EP US); **A61P 31/14** (2018.01 - EP); **A61P 35/00** (2018.01 - EP); **A61P 37/00** (2018.01 - EP); **A61P 37/04** (2018.01 - EP); **C07K 1/1136** (2013.01 - EP US); **C07K 14/005** (2013.01 - EP US); **A61K 39/00** (2013.01 - EP US); **A61K 2039/523** (2013.01 - EP US); **C12N 2770/32122** (2013.01 - EP US); **C12N 2770/32133** (2013.01 - EP US)

Citation (search report)

- [PX] US 2005058654 A1 20050317 - LIANG SHU-MEI [TW], et al
- [PX] US 2004242458 A1 20041202 - LIANG SHU-MEI [TW], et al
- [X] BUCKLEY C D ET AL: "RGD peptides induce apoptosis by direct caspase-3 activation", NATURE, NATURE PUBLISHING GROUP, LONDON, GB, vol. 397, 11 February 1999 (1999-02-11), pages 534 - 539, XP003000981, ISSN: 0028-0836
- [X] JACKSON T ET AL: "Integrin alphavbeta8 functions as a receptor for foot-and-mouth disease virus: Role of the beta-chain cytodomain in integrin-mediated infection", JOURNAL OF VIROLOGY, THE AMERICAN SOCIETY FOR MICROBIOLOGY, US, vol. 78, no. 9, May 2004 (2004-05-01), pages 4533 - 4540, XP002354449, ISSN: 0022-538X
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- [A] TSAI ET AL: "Molecular epidemiological studies on foot-and-mouth disease type O Taiwan viruses from the 1997 epidemic", VETERINARY MICROBIOLOGY, AMSTERDAM, NL, vol. 74, no. 3, 2000, pages 207 - 216, XP002211160, ISSN: 0378-1135

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2005058654 A1 20050317; **US 7323546 B2 20080129**; EP 1765392 A2 20070328; EP 1765392 A4 20071017; EP 1765392 B1 20160323; EP 2465531 A1 20120620; EP 2465531 B1 20130807; TW 200540181 A 20051216; TW I337184 B 20110211; US 2008152666 A1 20080626; US 2008188410 A1 20080807; US 7488800 B2 20090210; US 7700730 B2 20100420; WO 2005121169 A2 20051222; WO 2005121169 A3 20060330

DOCDB simple family (application)
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